



PATENT SP00-265A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Kenjiro Hasui

Serial No: 10/679,082

Filing Date: October 3, 2000

Title: INFRARED BROADBAND
DICHROIC GLASS POLARIZER

Group Art Unit: 1755

Examiner: Elizabeth A. Bolden

RESPONSE

Commissioner of Patents
Alexandria, VA 22313-1450

RESPONSE TO THE EXAMINER'S OFFICE ACTION

In reply to the Office Action dated April 8, 2004, in the above-captioned application, please enter the following amendments and Remarks as follows:

In the Specification

Please amend the paragraph at page 7, Line 10, with the following:

According to certain embodiments, the present invention has a high transmittance value of, preferably, above about 90 percent at the wavelengths ranging from about 880 nm to about 1,690 nm, or more preferably from 980 nm to 1,640 nm. The following examples illustrate the present invention.

In the Claims

Please cancel claims 2 and 5 without prejudice.

Please amend the claims as follows:

1. (Currently amended) A polarizing glass article comprising a base photochromic glass selected from either a copper or copper-cadmium family, or a silver halide-containing glass family having and precipitated silver particles wherein the polarizing glass article exhibits a contrast ratio of at least 40 dB over a wavelength range of 880 nm to 1,690 nm and a bandwidth of 810 nm.

2. Cancelled